

In the claims:

Claims 1-12 cancelled.

13. (new) A housing part for a drive unit, comprising a first component; a radial seal formed onto said first component and composed of a second elastic component having a radial sealing surface for sealing the housing in a watertight fashion, wherein said housing part and said radial seal are produced by an injection molding process, and wherein said radial seal has at least one riser dome formed on it and extending from said radial sealing surface in an axial direction.

14. (new) A housing part for a drive unit as defined in Claim 13, wherein said radial seal has at least one second riser dome, so that said riser domes are situated radially inside said radial sealing surface.

15. (new) A housing part for a drive unit as defined in Claim 13, wherein said radial sealing surface has no fusion seam.

16. (new) A housing part for a drive unit as defined in Claim 13, wherein said radial seal is substantially rectangular in order to seal an essentially rectangular opening in the housing.

17. (new) A housing part for a drive unit as defined in Claim 13, further comprising one gating point of said second component, situated radially inside said radial seal.

18. (new) A housing part for a drive unit as defined in Claim 17, further comprising two connecting pieces extending from said gating point to a middle of long sides of said radial seal which is substantially rectangular, and two riser domes situated substantially in a middle of its short sides.

19. (new) A housing part for a drive unit as defined in Claim 18, further comprising detent elements and attachable to corresponding counter part detent elements for fixing said housing part in place axially, wherein said riser domes are configured in form of axial play compensation elements equipped with an axial stop surface.

20. (new) A method of manufacturing a housing part, comprising the steps of providing a first component; forming on said first component a radial seal composed of a second, elastic component which has a radial sealing surface for sealing the housing in a water tight fashion; producing the housing part and the radial seal by an injection molding process; and forming at least one riser dome on the radial seal so

that the riser dome extends from the radial sealing surface in an axial direction.

21. (new) A method of manufacturing a housing part as defined in Claim 20, wherein said providing the first component includes injection molding the first component; and said forming of the radial seal includes injection molding the radial seal composed of the second component onto said first component so that during an injection of the second component it first fills a value of the radial seal and then fills the at least one riser dome that extends axially beyond an axial span of the radially sealing surface.

22. (new) A method of manufacturing a housing part as defined in Claim 21, further comprising injecting the second component into an injection mold at a location radially inside the radial seal.

23. (new) A method of manufacturing a housing part as defined in Claim 20, further comprising situating a sensor at an axial end of the at least one riser dome and, during the injection molding process, indicating by the sensor whether the second component has filled the riser dome.

24. (new) A method of manufacturing a housing part as defined in Claim 23, wherein said situating the sensor includes situating the sensor which is formed as a sensor selected from the group consisting of a pressure sensor and a color sensor.

25. (new) An injection mold for manufacturing a housing part, the injection mold being formed so that a first component is formed and a radial seal is formed on a second, elastic component which has a radial sealing surface for sealing the housing in a water tight fashion, so that the housing part and the radial seal are produced by an injection molding process, and at least one riser dome is formed onto the radial seal and extends from the radially sealing surface in an axial direction.

26. (new) An injection mold for manufacturing a housing part as defined in Claim 25, wherein at least one continuous cavity is provided for the radial seal with the riser dome in the injection mold, and an injection opening is provided on an inside of the cavity for the radial seal.

27. (new) An injection mold for manufacturing a housing part as defined in Claim 26, wherein the cavity for the radial seal is substantially rectangular, and the injection mold is partable diagonal to a rectangular shape of the radial seal for removal of the housing part.